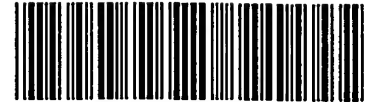


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Application Serial Number: 10/773,761  
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 4 The General Hospital Corporation  
 5 Erlander, Mark G.  
 6 Ma, Xiao-Jun  
 7 Sgroi, Dennis C.  
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427	ctttgactat	gccttcacag	ccatctttac	tggtgagatc	ctgttgaaga	tgacaacttt	3000
429	tggagctttc	ctccacaaag	gggccttctg	caggaaactac	ttcaatttgc	tggatatgct	3060
431	ggtggttggg	gtgtctctgg	tgtcatttgg	gattcaatcc	agtgccatct	ccgttgtgaa	3120
433	gattctgagg	gtcttaaggg	tcctgcgtcc	cctcagggcc	atcaacagag	caaaaggact	3180
435	taagcacgtg	gtccagtgcg	tcttcgtggc	catccggacc	atcggcaaca	tcatgatcgt	3240
437	cactaccctc	ctgcagttca	tgtttgccctg	tatcgggggtc	cagttgttca	aggggaagtt	3300
439	ctatcgctgt	acggatgaag	ccaaaagtaa	ccctgaagaa	tgcaaggggac	ttttcatcct	3360
441	ctacaaggat	ggggatgttg	acagtcctgt	ggtccgtgaa	cggatctggc	aaaacagtga	3420
443	tttcaacttc	gacaacgtcc	tctctgctat	gatggcgctc	ttcacagtct	ccacgtttga	3480
445	gggctggcct	gcgttgctgt	ataaagccat	cgactcgaat	ggagagaaca	tcggcccaat	3540
447	ctacaaccac	cgcgtggaga	tctccatctt	cttcatcatc	tacatcatca	ttgtagcttt	3600
449	cttcatgatg	aacatctttg	tgggctttgt	catcggtaca	tttcagggaac	aaggagaaaa	3660
451	agagtataag	aactgtgagc	tggacaaaaa	tcagcgtcag	tgtgttgaat	acgccttgaa	3720
453	agcacgtccc	ttgcggagat	acatccccaa	aaacccctac	cagtacaagt	tctggtacgt	3780
455	ggtgaactct	tcgcctttcg	aatacatgat	gtttgtcctc	atcatgctca	acacactctg	3840
457	cttgggccatg	cagcactacg	agcagtccaa	gatgttcaat	gatgccatgg	acattctgaa	3900

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/773,761

DATE: 11/16/2006  
TIME: 09:39:49

Input Set : A:\022041-1420US.ST25.txt  
Output Set: N:\CRF4\11162006\J773761.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 1325  
Seq#:44; N Pos. 475  
Seq#:48; N Pos. 675  
Seq#:58; N Pos. 434  
Seq#:69; N Pos. 228  
Seq#:77; N Pos. 277,322  
Seq#:78; N Pos. 1,264  
Seq#:85; N Pos. 2,8,24,25,27,28,30,31,39,48,51,67,75,80,85,86,87,95,98,106  
Seq#:85; N Pos. 109,123,128,144,145,146,180,191,217,234,307,327  
Seq#:86; N Pos. 1,3,4,161,231,299,339,445,467,490,516  
Seq#:87; N Pos. 240  
Seq#:88; N Pos. 211,220,250  
Seq#:89; N Pos. 17,72,326,341  
Seq#:90; N Pos. 227,230,234,429  
Seq#:91; N Pos. 22,403,415,437,449  
Seq#:92; N Pos. 13,16,18,19,77,175,277,330,336,420  
Seq#:95; N Pos. 215,427,438,445,454,459,471,477,486,499,507  
Seq#:96; N Pos. 22,24,364,382,414,424,430  
Seq#:99; N Pos. 34,263,270,279,306  
Seq#:100; N Pos. 67,315,333  
Seq#:102; N Pos. 365  
Seq#:104; N Pos. 68,70,74,120,140,211,289  
Seq#:105; N Pos. 274  
Seq#:106; N Pos. 400,462,483,509  
Seq#:109; N Pos. 478,491  
Seq#:116; N Pos. 117,345,378,388  
Seq#:121; N Pos. 788  
Seq#:122; N Pos. 34,192  
Seq#:123; N Pos. 893  
Seq#:126; N Pos. 8  
Seq#:134; N Pos. 1,2,770  
Seq#:139; N Pos. 255,260,307,350,406,431,446  
Seq#:142; N Pos. 1325  
Seq#:146; N Pos. 613  
Seq#:152; N Pos. 707  
Seq#:154; N Pos. 503  
Seq#:162; N Pos. 50,203,323,463,467,502,507,595,600  
Seq#:166; N Pos. 591  
Seq#:169; N Pos. 119,120,199  
Seq#:170; N Pos. 554,703  
Seq#:171; N Pos. 798,805  
Seq#:173; N Pos. 15,35,43,45,48  
Seq#:174; N Pos. 483,485  
Seq#:184; N Pos. 365

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/773,761

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Seq#:185; N Pos. 11,172  
Seq#:186; N Pos. 45,296,303,345,366,386,391,420,428  
Seq#:187; N Pos. 61  
Seq#:196; N Pos. 231  
Seq#:209; N Pos. 208,221,229  
Seq#:221; N Pos. 674,684,687,781,795  
Seq#:226; N Pos. 695



## VERIFICATION SUMMARY

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Input Set : A:\022041-1420US.ST25.txt

Output Set : N:\CRF4\11162006\J773761.raw

L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:1320  
L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:420  
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:660  
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:420  
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:180  
L:1938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:240  
M:341 Repeated in SeqNo=77  
L:1961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0  
M:341 Repeated in SeqNo=78  
L:2250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0  
M:341 Repeated in SeqNo=85  
L:2329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0  
M:341 Repeated in SeqNo=86  
L:2366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:180  
L:2401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:180  
M:341 Repeated in SeqNo=88  
L:2436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0  
M:341 Repeated in SeqNo=89  
L:2485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90 after pos.:180  
M:341 Repeated in SeqNo=90  
L:2532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:0  
M:341 Repeated in SeqNo=91  
L:2609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0  
M:341 Repeated in SeqNo=92  
L:2756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:180  
M:341 Repeated in SeqNo=95  
L:2817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:0  
M:341 Repeated in SeqNo=96  
L:2934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0  
M:341 Repeated in SeqNo=99  
L:2973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:60  
M:341 Repeated in SeqNo=100  
L:3037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:360  
L:3115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:60  
M:341 Repeated in SeqNo=104  
L:3146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:240  
L:3195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:360  
M:341 Repeated in SeqNo=106  
L:3262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:420  
M:341 Repeated in SeqNo=109  
L:3413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:60  
M:341 Repeated in SeqNo=116  
L:3554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:780  
L:3577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:0  
M:341 Repeated in SeqNo=122  
L:3634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:840  
L:3709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:126 after pos.:0  
L:3891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:0

VERIFICATION SUMMARY

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M:341 Repeated in SeqNo=134

L:4062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139 after pos.:240